Garant

Jobber drill HSS-E-PM HPC, TiAlN, ⌀ DC h8: 6,1 mm

Order data

Order number	114610 6,1
GTIN	4045197856456
Item class	11B

Description

Version:
With form S point.
High-performance HPC twist drills for high-alloy and high tensile materials. Particularly strong due to **strengthened core and a parabolic flute profile**. Point geometry with rake angle correction. Precise concentricity for exact holes.
Recommendation:
Maximum drilling depth:
$L_2 = L_C - 1.5 \times D_C$.
Machining strategy: HPC
Standard: DIN 338
Tolerance nominal ⌀: h8
Point angle: 130 degrees
Number of cutting edges Z: 2
recommended maximum drilling depth L_2: 53.9 mm
Flute length L_c: 63 mm
Overall length L: 101 mm
Shank ⌀ D_s: 6.1 mm
Feed f in steel < 900 N/mm^2: 0.08 mm/rev.

Technical description

Flute length L_c	63 mm
Overall length L	101 mm
Feed f in steel < 900 N/mm^2	0.08 mm/rev.
Number of cutting edges Z	2
Nominal ⌀ D_C	6.1 mm

Shank ∅ D_s	6.1 mm
Standard	DIN 338
Tolerance nominal ∅	h8
recommended maximum drilling depth L_2	53.9 mm
Point angle	130 degrees
Coating	TiAlN
Tool material	HSS E PM
Helix angle	38 degrees
Shank	Plain shank
Through-coolant	no
Machining strategy	HPC
Colour ring	green
Type of product	Jobber drill